

Many thanks for your selection of our products and services, and also for your trust and support to us.

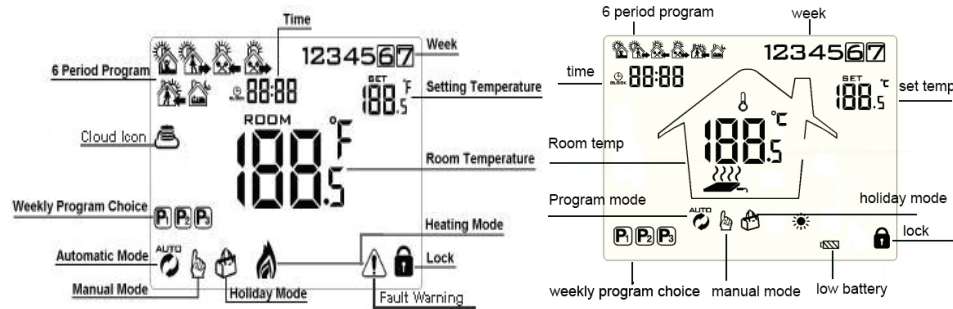
Functions

- Including built-in sensor and external sensor
- 0.5°C accuracy keeps temperature within the level you set.
- Children lock to prevent mis-operation by children
- Data memory when power is off.
- Holiday mode make you enjoy more comfortable temperature in holiday
- The temperature of external sensor can be checked

Technical Data

- Power: 2xAA x1.5V alkaline batteries
- Working environment temperature: 1~70°C
- Range of temperature adjustment: 5~35°C (Default)
- Size: 86x86mm
- * Probe sensor: NTC(10k)1%
- * Display accuracy: ±0.5°C
- * Contact capacity: Dry contact

Product Series



- Program mode;run preset program
- Temporary manual mode
- Holiday mode, Holiday days and temperature can be set to run in countdown mode
- Heating, icon disappears to stop heating ;Icon flashing is high temp protection
- Child lock,
- Battery power warning icon
- Manual mode
- Clock

Operation Key

	Turn ON/OFF
	1.Set key, switch program mode and manual mode 2. Turn on thermostat, Long press 3~5 seconds enter program mode setting. 3. Under turn off status, long press 3~5 seconds enter advanced option
	Confirm Key 1. Short press to set minutes, hours, weeks. 2. Turn on thermostat,long press for 3~5 seconds to holiday mode setting. Appear OFF, press or change to ON, short press to switch set the holiday days and the holiday temperature,then press OK key to confirm opening holiday mode
	Down, Long press to lock/unlock keys

Up, Under auto mode state, press , to enter into temporary manual mode

Program mode setting

- Weekly programming selection: 5+2, 6+1 and 7 days mode for option (set in advanced options)
- Under power on status, Long press for 3~5 seconds enter into programming mode setting
- Short press to choose: Hour, minute, time period
- Short press or to adjust data
- After finishing setting, about 10 seconds save and exit automatically

Wake up	Outdoor	Back home	Outdoor	Back home	Sleep
6:00	8:00	11:00	13:30	17:00	22:00
21°C	17°C	21°C	17°C	21°C	17°C

Optimal comfort temperature is 18°C~22°C

Advanced Option

- Under power off status, long press for 3~5 seconds to access advanced option Short press to choose or switch options, Short press or to adjust data
- After finishing setting, remain about 10 seconds exit

NO	Options	Data Function	Default
A1	Measure Temperature Calibration	-9~+9°C(Displayed as the corrected room temperature value)	-1
A2	Start/stop working temperature difference setting	0.5~5°C	1°C
A3	Child lock setting	0: half lock 1: full lock	0
A4	Power on/off state memory after electricity cut	0:Thermostat on/off with memory when electrify 1:Thermostat off when electrify 2:Thermostat on when electrify	0
A5	Program mode type	P1:5+2 P2:6+1 P3:7	P1
A6	Setting temperature minimum limit	1-10°C	5°C
A7	Setting temperature maximum limit	20-70°C	35°C
A8	Low temperature protection	1-10°C When setting temp = 10°C, if press will display 【 -- 】 , cancel low temperature protection	5
A9	Restore factory defaults	Display Ao, Press until LCD whole show	

Sensor fault display: If the sensor is (damaged), the LCD interface will display “E1” and the thermostat will stop heating until the fault is eliminated.

Before Wiring and Installing

- Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
- Check the ratings given in the instructions and on the product to make sure the produce is suitable for your application.
- Installer must be a trained experienced service technician.
- After installation completed, check out operation as provided in these instructions



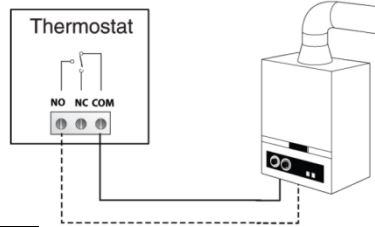
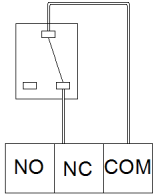
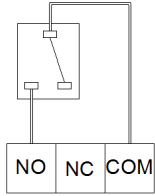
Warning Please arrange professional technician to install the product according to drawings and instructions.

RISK OF ELECTRICAL SHOCK

Disconnect power supply before making any connection. Contact with components carrying hazardous voltage can cause electrical shock

WIRING DIAGRAM

Connection For Heating Unit Connection For Cooling Unit



Terminals	Remarks
1	COM (Relay Common Terminal)
2	NO (Normal Open)
3	NC (Normal Close)

Installation diagram:

